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# Hogs and Pigs



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

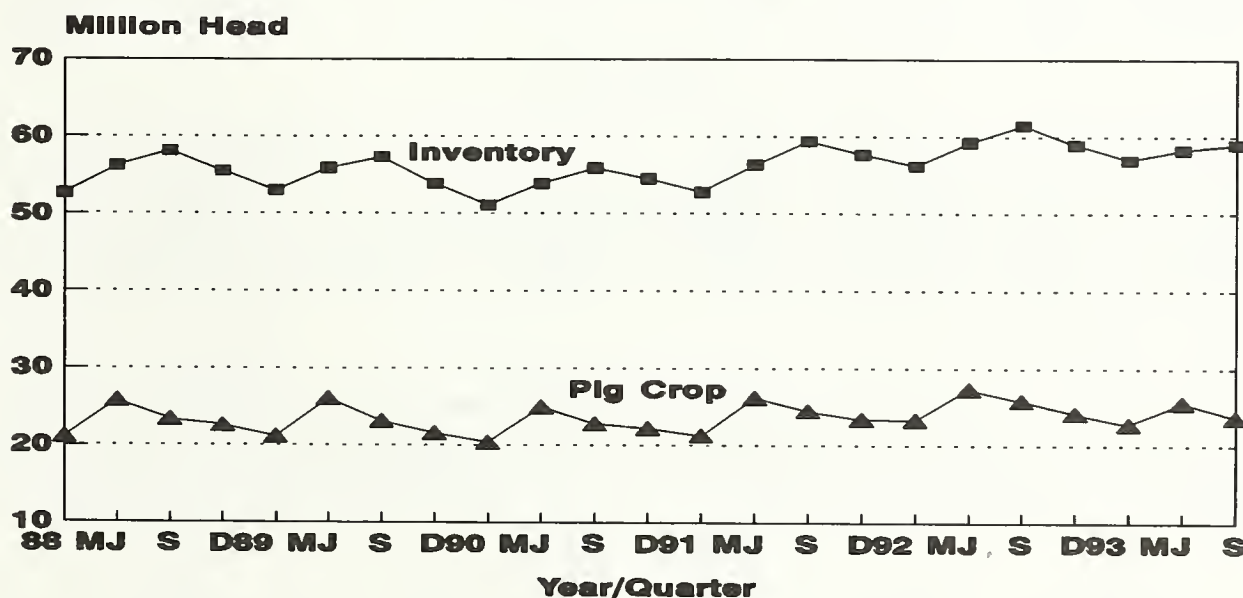
Released September 30, 1993, by the Agricultural Statistics Board. Estimates refer to September 1 and June-August 1993.

## U.S. Inventory Down 4 Percent

U.S. inventory of all hogs and pigs on September 1, 1993, is estimated at 59.0 million head. This is a 4 percent decrease from last year and 1 percent below September 1, 1991.

Breeding inventory, at 7.08 million head, was down 5 percent from a year ago and 3 percent below September 1, 1991. Market hog inventory, at 51.9 million head, decreased 4 percent from a year ago and was down 1 percent from September 1, 1991.

## September 1 Inventory & Pig Crop United States



The index is located at the end of this report. For information call Thomas Kurtz at (202) 720-3106. Office hours are 8:00 a.m. to 4:30 p.m. ET.

The June-August 1993 U.S. pig crop was 23.7 million head, 8 percent less than last year and down 3 percent from the same period in 1991. Sows farrowing during this period totaled 2.93 million head, down 7 percent from last year and 6 percent below 1991. Pigs saved per litter were 8.09 compared to 8.14 during the same period in 1992.

U.S. hog producers intend to have 2.93 million sows farrow during the September-November quarter, 3 percent less than the actual farrowings during the same period last year and 1 percent less than in 1991. Farrowings intended for December 1993-February 1994, at 2.85 million sows, are 2 percent above 1993 but down 2 percent from 1992.

### 16 State Inventory Decreases 4 Percent

The 16 quarterly States, with an inventory of 53.7 million on September 1, 1993, were down 4 percent from last year and 1 percent below September 1, 1991. These 16 states accounted for approximately 91 percent of the total U.S.

In the 16 quarterly States, the June-August pig crop was 21.4 million head, down 9 percent from last year and down 4 percent from two years ago. There were 2.65 million sows that farrowed during June-August, down 8 percent from a year earlier. Sows farrowing during June-August 1993 in the 16 States averaged 8.08 pigs per litter, compared to 8.14 during the same period a year ago.

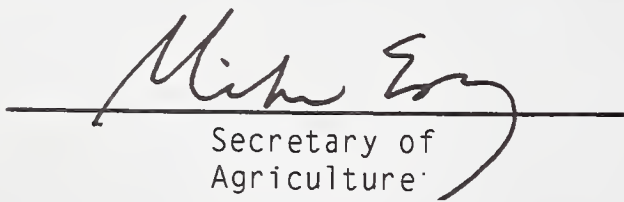
Intentions in the 16 quarterly States for September-November for sows farrowing are 2.67 million head, down 3 percent from the corresponding period last year and 1 percent below two years ago. December 1993-February 1994 intended farrowings, at 2.58 million head are up 2 percent from a year earlier but 2 percent below 1992.


### Revisions

U.S. March 1, 1993, and June 1, 1993, inventories and pig crops for December 1992-February 1993 and March-May were revised to reflect information that became available after the preliminary estimates were published. The March and June inventories were lowered 1.1 and 2.3 percent, respectively. The December 1992-February 1993 pig crop was lowered 3.9 percent and March-May pig crop was lowered 5.3 percent.

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This report was approved on September 30, 1993, by the Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

  
Secretary of  
Agriculture  
Mike Espy

  
Agricultural Statistics Board  
Chairperson  
Rich Allen

Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 1991-93

Item	1991	1992	1993	1993 as % of	
				1991	1992
	----- 1,000 Head -----			- Percent -	
March 1 Inventory					
All Hogs and Pigs	52,820	56,190	56,985	108	101
Kept For Breeding	6,997	7,155	7,100	101	99
Market	45,823	49,035	49,885	109	102
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,678	19,045	18,870	107	99
60-119 Pounds	11,056	11,865	12,082	109	102
120-179 Pounds	9,330	9,780	10,357	111	106
180 Pounds and Over	7,759	8,345	8,576	111	103
June 1 Inventory					
All Hogs and Pigs	56,410	59,295	58,295	103	98
Kept For Breeding	7,505	7,608	7,300	97	96
Market	48,905	51,687	50,995	104	99
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	20,755	21,557	20,586	99	95
60-119 Pounds	12,380	13,001	13,000	105	100
120-179 Pounds	8,821	9,612	9,580	109	100
180 Pounds and Over	6,949	7,517	7,829	113	104
September 1 Inventory					
All Hogs and Pigs	59,430	61,570	58,950	99	96
Kept For Breeding	7,265	7,415	7,075	97	95
Market	52,165	54,155	51,875	99	96
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	20,220	20,872	19,640	97	94
60-119 Pounds	13,050	13,619	13,165	101	97
120-179 Pounds	10,630	10,890	10,530	99	97
180 Pounds and Over	8,265	8,774	8,540	103	97
December 1 Inventory					
All Hogs and Pigs	57,684	59,016			
Kept For Breeding	7,254	7,343			
Market	50,430	51,673			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,678	19,199			
60-119 Pounds	12,969	13,106			
120-179 Pounds	10,382	10,720			
180 Pounds and Over	8,402	8,648			



Farrowings: Number of Sows, Pig Crop, and Pigs  
Per Litter, United States, 1991-94

Item	1991	1992	1993	1994	1993 as % of: 1994 as		
					Percent	Percent	Percent
					1991	1992	of 1993
	----- 1,000 Head -----				----- Percent -----		
Sows Farrowing							
Dec-Feb <u>1/</u> <u>2/</u>	2,714	2,900	2,796	2,845	103	96	102
Mar-May	3,287	3,375	3,154		96	93	
Dec-May <u>1/</u>	6,001	6,275	5,950		99	95	
Jun-Aug	3,105	3,162	2,932		94	93	
Sep-Nov <u>3/</u>	2,969	3,009	2,933		99	97	
Jun-Nov <u>4/</u>	6,074	6,171	5,865		97	95	
Pig Crop							
Dec-Feb <u>1/</u>	21,349	23,320	22,762		107	98	
Mar-May	26,158	27,257	25,605		98	94	
Dec-May <u>1/</u>	47,507	50,577	48,367		102	96	
Jun-Aug	24,499	25,751	23,719		97	92	
Sep-Nov	23,427	24,219					
Jun-Nov	47,926	49,970					
Pigs Per Litter	----- Number -----						
Dec-Feb <u>1/</u>	7.87	8.04	8.14		103	101	
Mar-May	7.96	8.08	8.12		102	100	
Dec-May <u>1/</u>	7.92	8.06	8.13		103	101	
Jun-Aug	7.89	8.14	8.09		103	99	
Sep-Nov	7.89	8.05					
Jun-Nov	7.89	8.10					

1/ December preceding year.

2/ Intentions for 1994.

3/ Intentions for 1993.

4/ 1993 is actual June-August farrowings plus intentions for September-November.

Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter. 16 States, 1991-93 <sup>1/</sup>

Item	1991	1992	1993	1993 as % of	
				1991	1992
	----- 1,000 Head -----			- Percent -	
March 1 Inventory					
All Hogs and Pigs	48,220	51,390	51,935	108	101
Kept For Breeding	6,347	6,485	6,400	101	99
Market	41,873	44,905	45,535	109	101
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	16,118	17,395	17,150	106	99
60-119 Pounds	10,056	10,825	10,992	109	102
120-179 Pounds	8,630	9,050	9,557	111	106
180 Pounds and Over	7,069	7,635	7,836	111	103
June 1 Inventory					
All Hogs and Pigs	51,210	54,095	53,145	104	98
Kept For Breeding	6,655	6,788	6,520	98	96
Market	44,555	47,307	46,625	105	99
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,885	19,677	18,716	99	95
60-119 Pounds	11,250	11,861	11,850	105	100
120-179 Pounds	8,071	8,852	8,810	109	100
180 Pounds and Over	6,349	6,917	7,249	114	105
September 1 Inventory					
All Hogs and Pigs	54,030	56,120	53,650	99	96
Kept For Breeding	6,625	6,765	6,445	97	95
Market	47,405	49,355	47,205	100	96
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,330	18,952	17,740	97	94
60-119 Pounds	11,910	12,459	12,015	101	96
120-179 Pounds	9,760	10,025	9,660	99	96
180 Pounds and Over	7,405	7,919	7,790	105	98
December 1 Inventory					
All Hogs and Pigs	52,705	53,880			
Kept For Breeding	6,540	6,630			
Market	46,165	47,250			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,055	17,515			
60-119 Pounds	11,856	11,965			
120-179 Pounds	9,520	9,825			
180 Pounds and Over	7,734	7,945			

<sup>1/</sup> GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, PA, SD, TN, and WI.

Farrowings: Number of Sows, Pig Crop, and Pigs  
Per Litter, 16 States 1991-94 1/

Item	1991	1992	1993	1994	1993 as % of 1991	1994 as % of 1991	1993 as % of 1994
					Percent	Percent	Percent
					1991	1992	of 1993
	----- 1,000 Head -----				----- Percent -----		
Sows Farrowing							
Dec-Feb <u>2/</u> <u>3/</u>	2,448	2,631	2,521	2,575	103	96	102
Mar-May	2,992	3,069	2,864		96	93	
Dec-May <u>2/</u>	5,440	5,700	5,385		99	94	
Jun-Aug	2,825	2,874	2,647		94	92	
Sep-Nov <u>4/</u>	2,704	2,739	2,668		99	97	
Jun-Nov <u>5/</u>	5,529	5,613	5,315		96	95	
Pig Crop							
Dec-Feb <u>2/</u>	19,305	21,181	20,548		106	97	
Mar-May	23,846	24,802	23,198		97	94	
Dec-May <u>2/</u>	43,151	45,983	43,746		101	95	
Jun-Aug	22,290	23,401	21,382		96	91	
Sep-Nov	21,331	22,048					
Jun-Nov	43,621	45,449					
Pigs Per Litter							
Dec-Feb <u>2/</u>	7.89	8.05	8.15		103	101	
Mar-May	7.97	8.08	8.10		102	100	
Dec-May <u>2/</u>	7.93	8.07	8.12		102	101	
Jun-Aug	7.89	8.14	8.08		102	99	
Sep-Nov	7.89	8.05					
Jun-Nov	7.89	8.10					

1/ GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, PA, SD, TN, and WI.

2/ December preceding year.

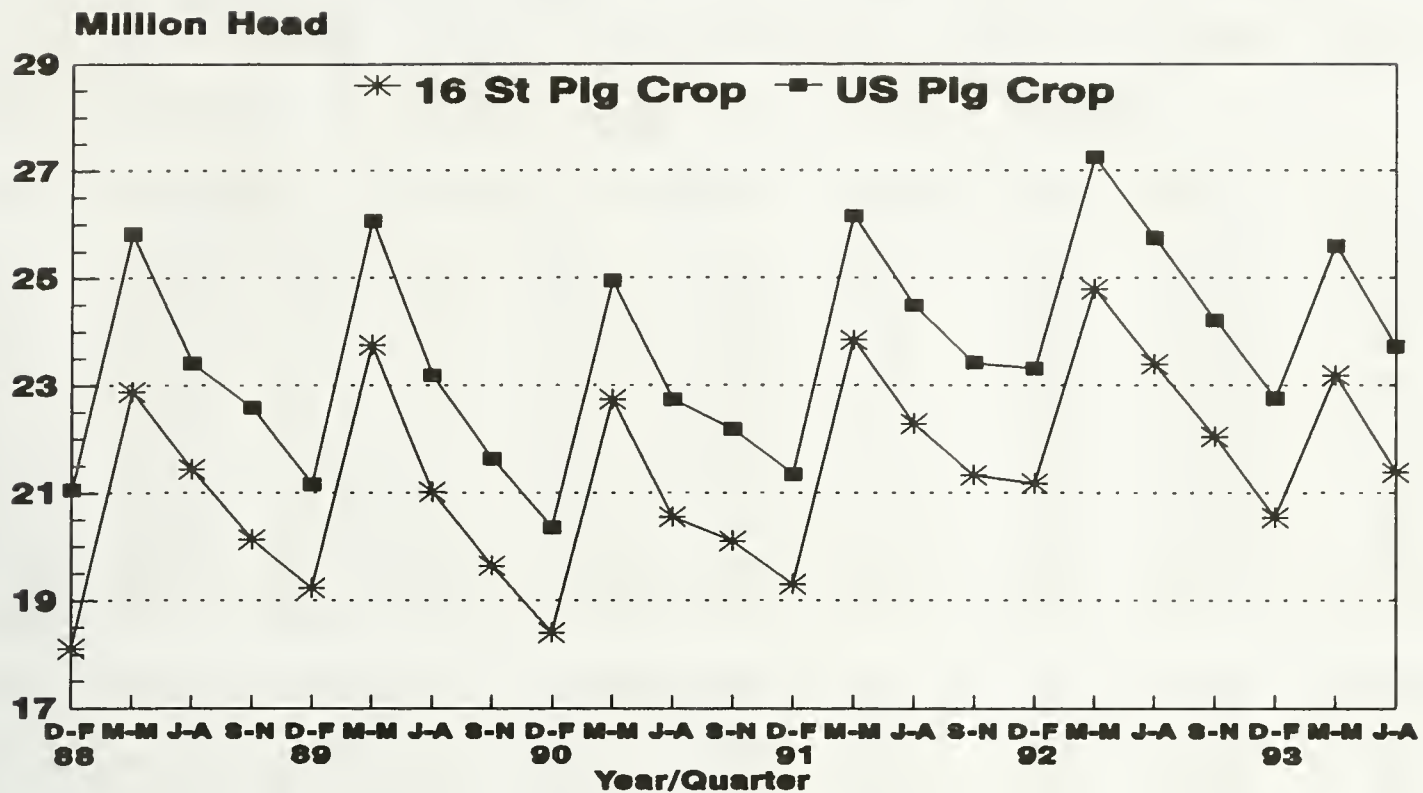
3/ Intentions for 1994.

4/ Intentions for 1993.

5/ 1993 is actual June-August farrowings plus intentions for September-November.

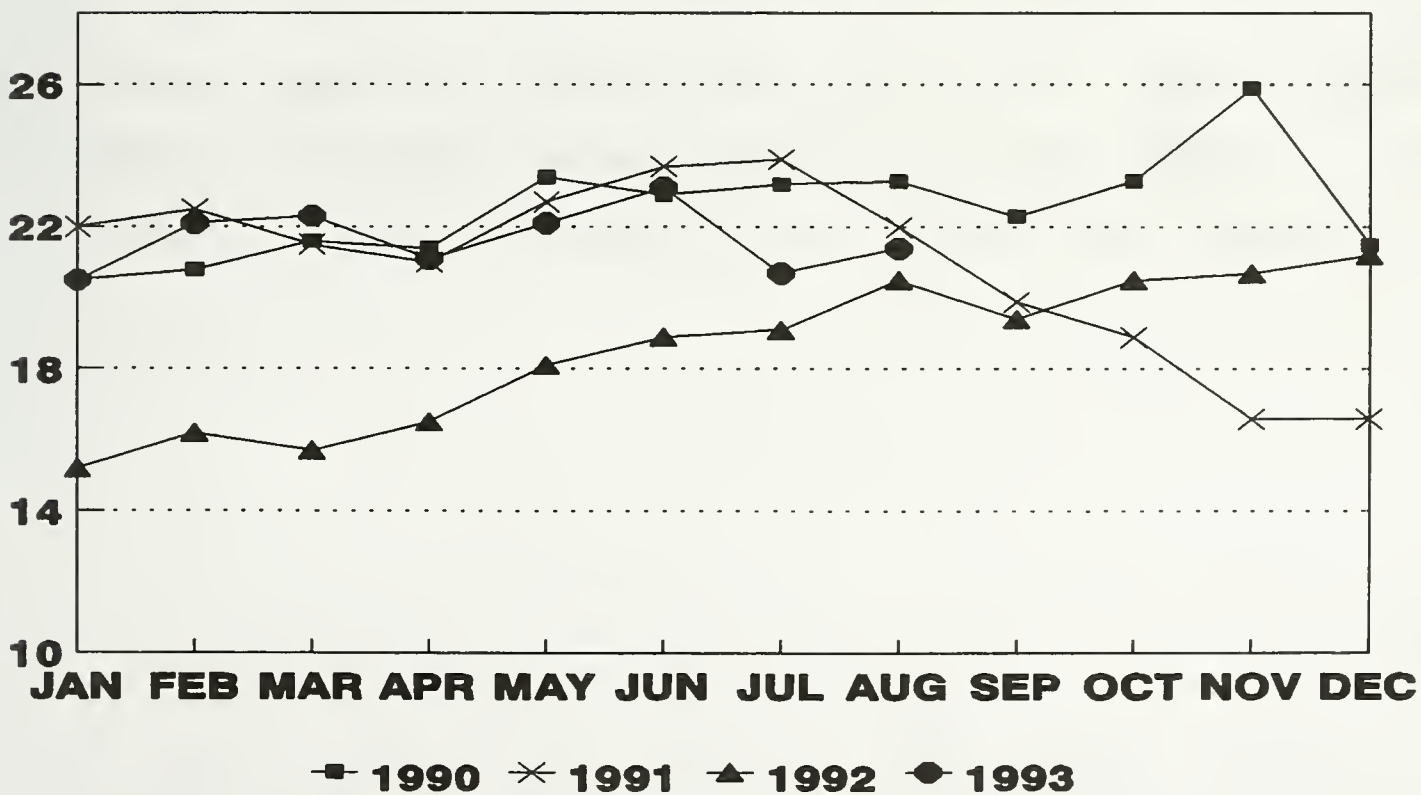


## Plg Crop U.S. & 16 States



## US Hog-Corn Price Ratio

Bu of Corn = Value to 100 Lbs Hogs LVWT



Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total,  
by State and United States, March 1, 1992-93

State	Breeding			Market			Total		
	1993			1993			1993		
	1992	as % of:		1992	as % of:		1992	as % of:	
	Number:	1992		Number:	1992		Number:	1992	
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	155	97	1,000	945	95	1,160	1,100	95
IL	730	730	100	4,970	4,970	100	5,700	5,700	100
IN	550	535	97	3,800	3,815	100	4,350	4,350	100
IA	1,750	1,700	97	12,950	13,100	101	14,700	14,800	101
KS	185	180	97	1,265	1,300	103	1,450	1,480	102
MN	565	550	97	4,135	4,150	100	4,700	4,700	100
MO	375	380	101	2,275	2,370	104	2,650	2,750	104
NE	540	540	100	3,760	3,910	104	4,300	4,450	103
NC	450	520	116	3,450	3,980	115	3,900	4,500	115
OH	250	230	92	1,640	1,520	93	1,890	1,750	93
10 Sts:	5,555	5,520	99	39,245	40,060	102	44,800	45,580	102
KY	130	120	92	760	720	95	890	840	94
MI	180	180	100	920	900	98	1,100	1,080	98
PA	105	105	100	825	815	99	930	920	99
SD	245	230	94	1,585	1,550	98	1,830	1,780	97
TN	100	70	70	560	465	83	660	535	81
WI	170	175	103	1,010	1,025	101	1,180	1,200	102
16 Sts:	6,485	6,400	99	44,905	45,535	101	51,390	51,935	101
Oth									
Sts 1/:	670	700	104	4,130	4,350	105	4,800	5,050	105
US	7,155	7,100	99	49,035	49,885	102	56,190	56,985	101

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Numbers by Weight Group.  
State, and United States, March 1, 1992-93

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1992	1993	1992	1993	1992	1993	1992	1993
1,000 Head								
GA	405	385	270	250	210	200	115	110
IL	1,860	1,800	1,210	1,210	1,050	1,070	850	890
IN	1,460	1,445	950	950	760	770	630	650
IA	4,840	4,600	3,100	3,100	2,680	3,000	2,330	2,400
KS	510	520	305	305	245	260	205	215
MN	1,650	1,670	1,010	1,030	780	770	695	680
MO	915	950	540	610	450	450	370	360
NE	1,550	1,600	890	920	720	760	600	630
NC	1,390	1,590	800	920	660	770	600	700
OH	635	580	390	360	340	330	275	250
10 Sts:	15,215	15,140	9,465	9,655	7,895	8,380	6,670	6,885
KY	310	285	190	180	150	140	110	115
MI	305	295	220	215	210	210	185	180
PA	305	295	200	200	170	175	150	145
SD	630	550	380	390	320	340	255	270
TN	230	190	140	100	105	105	85	70
WI	400	395	230	252	200	207	180	171
16 Sts:	17,395	17,150	10,825	10,992	9,050	9,557	7,635	7,836
Oth								
Sts 1/:	1,650	1,720	1,040	1,090	730	800	710	740
US	19,045	18,870	11,865	12,082	9,780	10,357	8,345	8,576

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total,  
by State and United States, June 1, 1992-93

	Breeding			Market			Total		
	1993			1993			1993		
State	1992	:as % of:		1992	:as % of:		1992	:as % of:	
	Number: 1992			Number: 1992			Number: 1992		
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	140	88	1,000	890	89	1,160	1,030	89
IL	720	690	96	4,980	4,610	93	5,700	5,300	93
IN	575	550	96	4,025	3,900	97	4,600	4,450	97
IA	1,900	1,700	89	13,900	13,200	95	15,800	14,900	94
KS	185	185	100	1,335	1,315	99	1,520	1,500	99
MN	600	610	102	4,350	4,340	100	4,950	4,950	100
MO	395	425	108	2,505	2,875	115	2,900	3,300	114
NE	570	530	93	3,930	3,820	97	4,500	4,350	97
NC	465	560	120	3,735	4,240	114	4,200	4,800	114
OH	275	240	87	1,650	1,600	97	1,925	1,840	96
10 Sts:	5,845	5,630	96	41,410	40,790	99	47,255	46,420	98
KY	125	120	96	745	700	94	870	820	94
MI	180	160	89	1,120	1,040	93	1,300	1,200	92
PA	103	105	102	827	855	103	930	960	103
SD	255	235	92	1,645	1,695	103	1,900	1,930	102
TN	100	90	90	540	510	94	640	600	94
WI	180	180	100	1,020	1,035	101	1,200	1,215	101
16 Sts:	6,788	6,520	96	47,307	46,625	99	54,095	53,145	98
Oth									
Sts 1/:	820	780	95	4,380	4,370	100	5,200	5,150	99
US	7,608	7,300	96	51,687	50,995	99	59,295	58,295	98

1/ Individual State estimates not available for the 34 other States.



Market Hogs and Pigs: Inventory Numbers by Weight Group,  
State, and United States, June 1, 1992-93

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1992	1993	1992	1993	1992	1993	1992	1993
	1,000 Head							
GA	430	355	270	245	195	190	105	100
IL	1,970	1,780	1,270	1,200	970	910	770	720
IN	1,590	1,500	1,060	1,020	770	740	605	640
IA	5,800	5,300	3,500	3,400	2,600	2,400	2,000	2,100
KS	510	495	330	335	285	280	210	205
MN	1,780	1,700	1,120	1,100	830	840	620	700
MO	1,170	1,250	590	700	420	535	325	390
NE	1,710	1,550	980	1,000	700	710	540	560
NC	1,425	1,650	895	1,020	745	840	670	730
OH	760	680	410	400	280	290	200	230
10 Sts:	17,145	16,260	10,425	10,420	7,795	7,735	6,045	6,375
KY	310	280	190	185	140	130	105	105
MI	550	515	230	210	175	165	165	150
PA	297	311	206	215	182	185	142	144
SD	730	715	410	435	280	300	225	245
TN	225	210	140	125	100	105	75	70
WI	420	425	260	260	180	190	160	160
16 Sts:	19,677	18,716	11,861	11,850	8,852	8,810	6,917	7,249
Oth								
Sts 1/:	1.880	1.870	1.140	1.150	760	770	600	580
US	21,557	20,586	13,001	13,000	9,612	9,580	7,517	7,829

1/ Individual State estimates not available for the 34 other States.



Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total,  
by State and United States, September 1, 1992-93

State	Breeding			Market			Total		
	1993			1993			1993		
	1992	:as % of:		1992	:as % of:		1992	:as % of:	
		Number:	1992		Number:	1992		Number:	1992
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	150	94	1,000	900	90	1,160	1,050	91
IL	730	710	97	5,470	5,190	95	6,200	5,900	95
IN	580	535	92	4,220	3,865	92	4,800	4,400	92
IA	1,950	1,650	85	14,950	13,450	90	16,900	15,100	89
KS	180	170	94	1,410	1,290	91	1,590	1,460	92
MN	570	610	107	4,330	4,340	100	4,900	4,950	101
MO	385	405	105	2,515	2,545	101	2,900	2,950	102
NE	550	510	93	4,050	3,840	95	4,600	4,350	95
NC	500	590	118	3,800	4,410	116	4,300	5,000	116
OH	235	230	98	1,590	1,530	96	1,825	1,760	96
10 Sts:	5,840	5,560	95	43,335	41,360	95	49,175	46,920	95
KY	130	115	88	800	705	88	930	820	88
MI	175	155	89	1,175	1,095	93	1,350	1,250	93
PA	110	115	105	870	895	103	980	1,010	103
SD	235	230	98	1,570	1,570	100	1,805	1,800	100
TN	95	90	95	565	550	97	660	640	97
WI	180	180	100	1,040	1,030	99	1,220	1,210	99
16 Sts:	6,765	6,445	95	49,355	47,205	96	56,120	53,650	96
Oth									
Sts 1/:	650	630	97	4,800	4,670	97	5,450	5,300	97
US	7,415	7,075	95	54,155	51,875	96	61,570	58,950	96

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Numbers by Weight Group,  
State, and United States, September 1, 1992-93

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1992	1993	1992	1993	1992	1993	1992	1993
1,000 Head								
GA	415	370	255	220	195	180	135	130
IL	2,010	1,890	1,330	1,260	1,150	1,100	980	940
IN	1,580	1,350	1,055	990	915	895	670	630
IA	5,450	4,600	4,050	3,700	3,050	2,800	2,400	2,350
KS	515	465	340	315	310	290	245	220
MN	1,690	1,750	1,110	1,110	840	790	690	690
MO	1,065	1,060	560	585	470	490	420	410
NE	1,740	1,650	910	870	780	740	620	580
NC	1,530	1,785	860	1,030	760	885	650	710
OH	640	630	390	380	350	310	210	210
10 Sts:	16,635	15,550	10,860	10,460	8,820	8,480	7,020	6,870
KY	330	270	215	200	150	135	105	100
MI	410	400	360	325	220	200	185	170
PA	322	325	214	225	185	190	149	155
SD	595	560	410	410	345	350	220	250
TN	235	220	135	130	115	115	80	85
WI	425	415	265	265	190	190	160	160
16 Sts:	18,952	17,740	12,459	12,015	10,025	9,660	7,919	7,790
Oth								
Sts 1/:	1,920	1,900	1,160	1,150	865	870	855	750
US	20,872	19,640	13,619	13,165	10,890	10,530	8,774	8,540

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total,  
by State and United States, December 1, 1991-92

State	Breeding			Market			Total		
	1992			1992			1992		
	1991	as % of:		1991	as % of:		1991	as % of:	
		Number:	1991		Number:	1991		Number:	1991
	1,000 Head	Percent		1,000 Head	Percent		1,000 Head	Percent	
GA	160	155	97	970	945	97	1,130	1,100	97
IL	740	720	97	5,160	5,180	100	5,900	5,900	100
IN	555	550	99	4,045	4,000	99	4,600	4,550	99
IA	1,800	1,900	106	13,200	13,900	105	15,000	15,800	105
KS	170	160	94	1,260	1,280	102	1,430	1,440	101
MN	590	580	98	4,310	4,120	96	4,900	4,700	96
MO	380	370	97	2,320	2,430	105	2,700	2,800	104
NE	550	580	105	3,950	4,020	102	4,500	4,600	102
NC	440	500	114	3,210	4,000	125	3,650	4,500	123
OH	225	220	98	1,700	1,530	90	1,925	1,750	91
10 Sts:	5,610	5,735	102	40,125	41,405	103	45,735	47,140	103
KY	135	120	89	815	750	92	950	870	92
MI	175	175	100	1,125	1,105	98	1,300	1,280	98
PA	100	105	105	820	845	103	920	950	103
SD	260	235	90	1,690	1,595	94	1,950	1,830	94
TN	90	85	94	580	515	89	670	600	90
WI	170	175	103	1,010	1,035	102	1,180	1,210	103
16 Sts:	6,540	6,630	101	46,165	47,250	102	52,705	53,880	102
Oth									
Sts 1/:	714	713	100	4,265	4,423	104	4,979	5,136	103
US	7,254	7,343	101	50,430	51,673	102	57,684	59,016	102

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Numbers by Weight Group,  
State, and United States, December 1, 1991-92

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1991	1992	1991	1992	1991	1992	1991	1992
1,000 Head								
GA	415	385	260	255	180	190	115	115
IL	1,900	1,920	1,240	1,260	1,100	1,100	920	900
IN	1,380	1,390	1,110	1,080	860	860	695	670
IA	4,570	4,950	3,550	3,650	2,840	2,950	2,240	2,350
KS	450	450	335	345	260	270	215	215
MN	1,630	1,560	1,100	1,030	860	840	720	690
MO	935	950	565	630	440	445	380	405
NE	1,560	1,590	1,000	1,000	770	800	620	630
NC	1,375	1,600	730	880	600	820	505	700
OH	640	600	435	390	345	300	280	240
10 Sts	14,855	15,395	10,325	10,520	8,255	8,575	6,690	6,915
KY	320	285	210	195	155	145	130	125
MI	350	350	260	250	275	265	240	240
PA	280	305	216	215	180	185	144	140
SD	670	600	435	390	325	335	260	270
TN	225	195	150	120	115	110	90	90
WI	355	385	260	275	215	210	180	165
16 Sts	17,055	17,515	11,856	11,965	9,520	9,825	7,734	7,945
Oth								
Sts 1/	1,623	1,684	1,113	1,141	862	895	668	703
US	18,678	19,199	12,969	13,106	10,382	10,720	8,402	8,648

1/ Individual State estimates not available for the 34 other States.



Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop,  
by State and United States, December-February 1992-94 1/

State	Sows Farrowing				Pigs		Pig Crop <u>2/</u>		
					Per Litter				
	1994 <u>3/</u>						1993		
	1992	1993	: as % of:				1992	: as % of	
			Number:	1993	1992	1993		Number:	1992
	1,000 Head		Percent		1,000 Head		Percent		
GA	60	57	53	93	7.45	7.70	447	439	98
IL	280	270	260	96	7.90	7.90	2,212	2,133	96
IN	230	225	205	91	8.10	8.15	1,863	1,834	98
IA	730	650	675	104	8.10	8.20	5,913	5,330	90
KS	76	75	72	96	8.00	8.20	608	615	101
MN	250	245	260	106	8.20	8.40	2,050	2,058	100
MO	145	145	160	110	7.80	7.80	1,131	1,131	100
NE	220	220	210	95	8.10	8.20	1,782	1,804	101
NC	215	235	285	121	8.40	8.70	1,806	2,045	113
OH	90	88	89	101	8.00	8.00	720	704	98
10 Sts	2,296	2,210	2,269	103	8.07	8.19	18,532	18,093	98
KY	50	46	41	89	7.64	7.60	382	350	92
MI	47	47	45	96	8.00	7.90	376	371	99
PA	40	39	41	105	8.40	8.20	336	320	95
SD	95	83	81	98	7.90	8.15	751	676	90
TN	36	29	30	103	7.80	7.40	281	215	77
WI	67	67	68	101	7.80	7.80	523	523	100
16 Sts	2,631	2,521	2,575	102	8.05	8.15	21,181	20,548	97
Oth									
Sts <u>4/</u>	269	275	270	98	7.95	8.05	2,139	2,214	104
US	2,900	2,796	2,845	102	8.04	8.14	23,320	22,762	98

1/ December preceding year.

2/ Number of pigs born December-February that were still on hand March 1 or had been sold.

3/ Intentions.

4/ Individual State estimates not available for the 34 other States.



Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop,  
by State and United States, March-May 1992-93

State	Sows Farrowing			Pigs		Pig Crop <u>1/</u>		
	1993			Per Litter		1993		
	1992	: as % of:		1992	1993	1992	: as % of	
	Number	1992	1992	1992	1993	Number	1992	1992
	1,000 Head	Percent		Number		1,000 Head	Percent	
GA	64	53	83	7.85	7.90	502	419	83
IL	340	300	88	7.75	7.75	2,635	2,325	88
IN	260	240	92	8.15	8.25	2,119	1,980	93
IA	890	780	88	8.10	8.10	7,209	6,318	88
KS	79	78	99	8.10	7.90	640	616	96
MN	275	265	96	8.30	8.30	2,283	2,200	96
MO	175	180	103	7.85	7.85	1,374	1,413	103
NE	250	230	92	8.10	8.20	2,025	1,886	93
NC	220	250	114	8.55	8.55	1,881	2,138	114
OH	110	95	86	8.20	8.10	902	770	85
10 Sts	2,663	2,471	93	8.10	8.12	21,570	20,065	93
KY	49	47	96	7.90	7.75	387	364	94
MI	89	80	90	8.10	7.80	721	624	87
PA	41	42	102	8.30	8.40	340	353	104
SD	120	117	98	8.00	8.25	960	965	101
TN	37	37	100	7.60	7.40	281	274	98
WI	70	70	100	7.75	7.90	543	553	102
16 Sts	3,069	2,864	93	8.08	8.10	24,802	23,198	94
Oth								
Sts <u>2/</u>	306	290	95	8.02	8.30	2,455	2,407	98
US	3,375	3,154	93	8.08	8.12	27,257	25,605	94

1/ Number of pigs born March-May that were still on hand June 1 or had been sold.

2/ Individual State estimates not available for 34 other States.

Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop,  
by State and United States, June-August 1992-93

State	Sows Farrowing			Pigs		Pig Crop <u>1/</u>		
	1993			Per Litter		1993		
	1992	:as % of:		1992	1993	1992	:as % of	
	: Number	: 1992	: 1992	: 1992	: 1993	: Number	: 1992	: 1992
	1,000 Head	Percent		Number		1,000 Head	Percent	
GA	61	53	87	7.75	8.05	473	427	90
IL	325	300	92	7.85	7.70	2,551	2,310	91
IN	250	215	86	8.15	7.95	2,038	1,709	84
IA	820	675	82	8.20	8.00	6,724	5,400	80
KS	77	71	92	8.25	8.05	635	572	90
MN	255	260	102	8.40	8.40	2,142	2,184	102
MO	165	160	97	7.70	7.80	1,271	1,248	98
NE	230	210	91	8.10	8.20	1,863	1,722	92
NC	225	265	118	8.60	8.55	1,935	2,266	117
OH	93	93	100	8.20	8.30	763	772	101
10 Sts	2,501	2,302	92	8.15	8.08	20,395	18,610	91
KY	51	42	82	8.10	7.85	413	330	80
MI	74	68	92	7.90	7.90	585	537	92
PA	42	43	102	8.50	8.60	357	370	104
SD	96	86	90	8.05	8.15	773	701	91
TN	40	34	85	7.60	7.80	304	265	87
WI	70	72	103	8.20	7.90	574	569	99
16 Sts	2,874	2,647	92	8.14	8.08	23,401	21,382	91
Oth								
Sts <u>2/</u>	288	285	99	8.16	8.20	2,350	2,337	99
US	3,162	2,932	93	8.14	8.09	25,751	23,719	92

1/ Number of pigs born June-August that were still on hand September 1 or had been sold.

2/ Individual State estimates not available for 34 other States.

Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop,  
by State and United States, September-November 1991-93

State	Sows Farrowing				Pigs		Pig Crop <u>1/</u>		
					Per Litter				
	1993 <u>2/</u>						1992		
	1991	1992	:as % of:				1991	:as % of	
			Number:	1992	1991	1992		Number:	1991
	1,000 Head		Percent		1,000 Head		Percent		
GA	60	57	55	96	7.65	7.60	459	433	94
IL	320	310	300	97	7.70	7.80	2,464	2,418	98
IN	230	225	210	93	7.90	8.10	1,817	1,823	100
IA	740	770	675	88	7.65	8.00	5,661	6,160	109
KS	73	71	72	101	7.81	8.00	570	568	100
MN	245	235	255	109	8.25	8.50	2,021	1,998	99
MO	155	160	165	103	7.80	7.80	1,209	1,248	103
NE	230	240	225	94	8.00	8.00	1,840	1,920	104
NC	205	240	285	119	8.60	8.50	1,763	2,040	116
OH	90	90	89	99	8.30	8.25	747	743	99
10 Sts	2,348	2,398	2,331	97	7.90	8.07	18,551	19,351	104
KY	51	46	45	98	7.61	7.65	388	352	91
MI	58	58	54	93	7.70	7.90	447	458	102
PA	39	40	43	108	8.30	8.50	324	340	105
SD	110	100	98	98	7.95	8.00	875	800	91
TN	38	32	30	94	7.70	7.70	293	246	84
WI	60	65	67	103	7.55	7.70	453	501	111
16 Sts	2,704	2,739	2,668	97	7.89	8.05	21,331	22,048	103
Oth									
Sts <u>3/</u>	265	270	265	98	7.91	8.04	2,096	2,171	104
US	2,969	3,009	2,933	97	7.89	8.05	23,427	24,219	103

1/ Number of pigs born September-November that were still on hand  
December 1 or had been sold.

2/ Intentions.

3/ Individual State estimates not available for 34 other States.

## Reliability of September 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 77,000 operators during the first half of September by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of September 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous quarter are subject to revision when current estimates are made. In September, estimates for the previous June and March are reviewed and in December, estimates for all quarters of the previous two years are reviewed. The reviews are primarily based on hog check-off receipts and hog slaughter. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 59.0 million head by more than 1.1 percent, or about 649,000 head. Chances are 9 out of 10 that the difference will not exceed 1.9 percent, or about 1,120,000 head (the 90 percent confidence level).



# Reliability of September 1 Hog Estimates 1/

	Root Mean Square Error	90% Confidence Level	Difference Between First and Final Estimates <u>2/</u>	Number of Quarters	First Above Final	First Below Final
	Percent	(000) Head	Average: Smallest: Largest:			
All Hogs & Pigs	1.1 1.9	1,120	-192 30 -1,395	10	10	
Pig Crop	2.0 3.5	830	-87 -2 -1,432	9	11	
Expected Farrowings						
Next Quarter <u>3/</u>	2.8 4.9	144	-17 0 -202	12	7	
Following Quarter	3.6 6.2	176	-2 -2 216	12	8	

1/ Based on quarterly records for the past 20 quarters.

2/ Records for the past 20 quarters.

3/ There was no change from first to final estimates of next quarter expected farrowings in one of the 20 quarters represented.

The next "Hogs and Pigs" report will be released at 3 p.m. December 29, 1993.



## Index

	Page
Farrowings, Number of Sows, Pig Crop, and Pigs Per Litter, 16 States .....	6
Farrowings, Number of Sows, Pig Crop, and Pigs Per Litter, U.S. ....	4
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, December-February, Quarterly States .....	16
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, June-August, Quarterly States .....	18
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, March-May, Quarterly States .....	17
Farrowings, Number of Sows, Pigs Per Litter, and Pig Crop, September-November, Quarterly States .....	19
Hogs and Pigs Inventory Number, by Quarters, 16 States .....	5
Hogs and Pigs Inventory Number, by Quarters, U.S. ....	3
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, December 1 .....	14
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, June 1 .....	10
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, March 1 .....	8
Inventory, Total and Breeding, Market Hogs, and Market Hogs, by Weight Groups, Quarterly States, September 1 .....	12
Survey and Estimation Procedures, Revision Policy, and Reliability ....	20

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